

## **AMENDMENTS TO THE SPECIFICATION**

Please replace Paragraph [0285] with the following paragraph rewritten in amendment format:

**[0285]** Preferably, the compound containing lithium is  $\text{Li}_2\text{CO}_3$ , the compound containing sodium is  $\text{Na}_2\text{CO}_3$ , the compound containing potassium is  $\text{K}_2\text{CO}_3$ , the compound containing niobium is  $\text{Nb}_2\text{O}_5$ , the compound containing tantalum is  $\text{Ta}_2\text{O}_5$ , and the compound containing antimony is  $\text{Sb}_2\text{O}_5$  or  $\text{Sb}_2\text{O}_3$ . The additive is preferably at least one type selected from  $\text{Ag}_2\text{O}$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{Au}$ ,  $\text{Au}_2\text{O}_3$ ,  $\text{B}_2\text{O}_3$ ,  $\text{H}_3\text{BO}_3$ ,  $\text{BaO}$ ,  $\text{BaO}_2$ ,  $\text{BaCO}_3$ ,  $\text{Bi}_2\text{O}_3$ ,  $\text{CaO}$ ,  $\text{CaCO}_3$ ,  $\text{CeO}_2$ ,  $\text{Ce}_2(\text{CO}_3)_3$ ,  $\text{CoO}$ ,  $\text{Co}_3\text{O}_4$ ,  $\text{CoCO}_3$ ,  $\text{Cs}_2\text{CO}_3$ ,  $\text{CuO}$ ,  $\text{Cu}_2\text{O}$ ,  $\text{Dy}_2\text{O}_3$ ,  $\text{Er}_2\text{O}_3$ ,  $\text{Eu}_2\text{O}_3$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{Ga}_2\text{O}_3$ ,  $\text{Gd}_2\text{O}_3$ ,  $\text{GeO}_2$ ,  $\text{HfO}_2$ ,  $[[\text{HoO}_3]]$   $\text{Ho}_2\text{O}_3$ ,  $\text{In}_2\text{O}_3$ ,  $\text{IrO}_2$ ,  $\text{Ir}_2\text{O}_3$ ,  $\text{La}_2\text{O}_3$ ,  $\text{Lu}_2\text{O}_3$ ,  $\text{MgO}$ ,  $\text{MgC}_2\text{O}_4$ ,  $\text{MnO}$ ,  $\text{MnO}_2$ ,  $\text{Mn}_2\text{O}_3$ ,  $\text{Mn}_3\text{O}_4$ ,  $\text{Nd}_2\text{O}_3$ ,  $\text{Nd}_2\text{CO}_3$ ,  $\text{NiO}$ ,  $\text{NiCO}_3$ ,  $\text{PdO}$ ,  $\text{Pr}_2\text{O}_3$ ,  $\text{Pr}_6\text{O}_{11}$ ,  $\text{Pr}_2(\text{CO}_3)_3$ ,  $\text{PtO}_2$ ,  $\text{Rb}_2\text{O}$ ,  $\text{Rb}_2\text{CO}_3$ ,  $\text{Re}_2\text{O}_7$ ,  $\text{RuO}_2$ ,  $\text{Sc}_2\text{O}_3$ ,  $\text{SiO}_2$ ,  $\text{SiO}$ ,  $\text{SiC}$ ,  $\text{Sm}_2\text{O}_3$ ,  $\text{SnO}$ ,  $\text{SnO}_2$ ,  $\text{SrO}$ ,  $\text{SrCO}_3$ ,  $\text{Tb}_4\text{O}_7$ ,  $\text{TiO}$ ,  $\text{Ti}_2\text{O}_3$ ,  $\text{TiO}_2$ ,  $\text{Tm}_2\text{O}_3$ ,  $\text{V}_2\text{O}_3$ ,  $\text{V}_2\text{O}_4$ ,  $[[\text{V}_2\text{O}_6]]$   $\text{V}_2\text{O}_5$ ,  $\text{Y}_2\text{O}_3$ ,  $\text{Y}_2(\text{CO}_3)_3$ ,  $\text{Yb}_2\text{O}_3$ ,  $\text{ZnO}$ , and  $\text{ZrO}_2$ . In this case, it is possible to easily fabricate the piezoelectric ceramic composition.

Please replace Paragraph [0350] with the following paragraph rewritten in amendment format:

**[0350]** In the 33<sup>rd</sup> aspect of the invention, preferably the compound containing lithium is  $\text{Li}_2\text{CO}_3$ , the compound containing sodium is  $\text{Na}_2\text{CO}_3$ , the compound containing potassium is  $\text{K}_2\text{CO}_3$ , the compound containing niobium is  $\text{Nb}_2\text{O}_5$ , the compound containing tantalum is  $\text{Ta}_2\text{O}_5$ , the compound containing antimony is  $\text{Sb}_2\text{O}_5$  or  $\text{Sb}_2\text{O}_3$ , and the additive is at least one type selected from  $\text{MgO}$ ,  $\text{MgCO}_3$ ,  $\text{CaO}$ ,  $\text{CaCO}_3$ ,  $\text{SrO}$ ,

[[SrO<sub>3</sub>]] SrCO<sub>3</sub>, BaO, and BaCO<sub>3</sub>. In this case, it is possible to easily fabricate the piezoelectric ceramic composition of the 27<sup>th</sup> aspect of the invention.

Please replace Paragraph [0490] with the following paragraph rewritten in amendment format:

**[0490]** Next, these materials and at least one compound of Ag<sub>2</sub>O, Al<sub>2</sub>O<sub>3</sub>, Au, Au<sub>2</sub>O<sub>3</sub>, B<sub>2</sub>O<sub>3</sub>, H<sub>3</sub>BO<sub>3</sub>, BaO, BaO<sub>2</sub>, BaCO<sub>3</sub>, Bi<sub>2</sub>O<sub>3</sub>, CaO, CaCO<sub>3</sub>, CeO<sub>2</sub>, Ce<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>, CoO, Co<sub>3</sub>O<sub>4</sub>, CoCO<sub>3</sub>, Cs<sub>2</sub>CO<sub>3</sub>, CuO, Cu<sub>2</sub>O, Dy<sub>2</sub>O<sub>3</sub>, Er<sub>2</sub>O<sub>3</sub>, Eu<sub>2</sub>O<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub>, Ga<sub>2</sub>O<sub>3</sub>, Gd<sub>2</sub>O<sub>3</sub>, GeO<sub>2</sub>, HfO<sub>2</sub>, [[HoO<sub>3</sub>]] Ho<sub>2</sub>O<sub>3</sub>, In<sub>2</sub>O<sub>3</sub>, IrO<sub>2</sub>, Ir<sub>2</sub>O<sub>3</sub>, La<sub>2</sub>O<sub>3</sub>, Lu<sub>2</sub>O<sub>3</sub>, MgO, MgC<sub>2</sub>O<sub>4</sub>, MnO, MnO<sub>2</sub>, Mn<sub>2</sub>O<sub>3</sub>, Mn<sub>3</sub>O<sub>4</sub>, Nd<sub>2</sub>O<sub>3</sub>, Nd<sub>2</sub>CO<sub>3</sub>, NiO, NiCO<sub>3</sub>, PdO, Pr<sub>2</sub>O<sub>3</sub>, Pr<sub>6</sub>O<sub>11</sub>, Pr<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>, PtO<sub>2</sub>, Rb<sub>2</sub>O, Rb<sub>2</sub>CO<sub>3</sub>, Re<sub>2</sub>O<sub>7</sub>, RuO<sub>2</sub>, Sc<sub>2</sub>O<sub>3</sub>, SiO<sub>2</sub>, SiO, SiC, Sm<sub>2</sub>O<sub>3</sub>, SnO, SnO<sub>2</sub>, SrO, SrCO<sub>3</sub>, Tb<sub>4</sub>O<sub>7</sub>, TiO, Ti<sub>2</sub>O<sub>3</sub>, TiO<sub>2</sub>, Tm<sub>2</sub>O<sub>3</sub>, V<sub>2</sub>O<sub>3</sub>, V<sub>2</sub>O<sub>4</sub>, [[V<sub>2</sub>O<sub>6</sub>]] V<sub>2</sub>O<sub>5</sub>, Y<sub>2</sub>O<sub>3</sub>, Y<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>, Yb<sub>2</sub>O<sub>3</sub>, ZnO, and ZrO<sub>2</sub> were mixed by compositions of the compound {Li<sub>0.04</sub>(K<sub>0.5</sub>Na<sub>0.5</sub>)<sub>0.96</sub>} (Nb<sub>0.86</sub>Ta<sub>0.1</sub>Sb<sub>0.04</sub>))O<sub>3</sub> containing the metal elements included in the above additives in the piezoelectric ceramic compositions to obtain 47 types of formulations. The elements added may be present in the crystal grains of the piezoelectric ceramic compositions or at the crystal grain boundaries.